

# RESUME

**HEMRAJ SURTI**

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## CAREER OBJECTIVE

To become an excellent Software Developer in a technology-driven Company. Seeking a classic opportunity to serve in your esteemed organization with my knowledge, imagination and skills, proving myself worthy in the upliftment of the organization.

## SKILLS

**OS Environment** : Linux, Windows

**Programming Language:** Rust, Python

**Databases** : PostgreSQL, MongoDB, MySQL

**Queuing system** : PubSub, RabbitMQ, Kafka

**Framework** : Rocket, Django, Flask

**Stackoverflow Profile** : <http://stackoverflow.com/users/3744523/hemraj>

## WORK EXPERIENCE

Company	Duration
<b>Omniwyse</b>	<b>August 2022 – Feb 2025</b>
<b>Datamatics</b>	<b>May 2021 – August 2022</b>
<b>Virtusa</b>	<b>January 2019 – August 2020</b>
<b>Network18</b>	<b>March 2018 – January 2019</b>
<b>Blenheim Chalcot</b>	<b>March 2016 - Jan 2018</b>
<b>VIVACONNECT</b>	<b>FEB 2015 – FEB 2016</b>
<b>OPEN NIRVANA</b>	<b>May 2012 - Dec 2014</b>

## RUST Projects

### Spotify Music Web/API(Personal Project)

<b>RUST crate</b>	<b>Rocket, futures, Diesel, serde, log4rs, reqwest, simple_scheduler, serde_json, csv</b>
<b>Technical Footprint</b>	1) consumable API 2) Schedule RUST script 3) Read csv file 4) Normalize/ Transform data 5) integrate thrid party API 6) CRUD operation with postgresql using diesel 7) Deploy on AWS
<b>Team Size</b>	1
<b>Url</b>	-
<b>Database used</b>	Postgresql

### Sharecare ETL Process:

<b>RUST crate</b>	<b>Diesel, serde, log4rs, reqwest, simple_scheduler, serde_json, csv</b>
<b>Technical Footprint</b>	1) RUST ETL process 2) Schedule RUST script using simple_scheduler 3) Read json/csv file 4) Normalize/ Transform data 5) integrate thrid party API
<b>Team Size</b>	1
<b>Url</b>	-
<b>Database used</b>	Postgresql

## Python Projects

### Sharecare ETL Process:

<b>Python Lib</b>	<b>Airflow, thrid party API, ETL Process, Postgresql, AWS</b>
<b>Technical Footprint</b>	1) Python ETL process 2) Integrate airflow dag to run python script 3) Read json/csv file 4) Normalize/ Transform data in python script

	5) integrate thrid party API
<b>Team Size</b>	4
<b>Url</b>	-
<b>Database used</b>	Postgresql

#### Multi language Audio Transcription

<b>Python Lib</b>	<b>Django, Third Party API</b>
<b>Technical Footprint</b>	1) Large audio file input create chunks of 30 seconds and send filedata to third party API for transcription 2) Handle API response 3) Communicate with Speech to text Vendors and get pricing + API endpoints
<b>Team Size</b>	1
<b>Url</b>	<a href="https://rnatech.datamatics.com">https://rnatech.datamatics.com</a>
<b>Database used</b>	MYSQL

#### RAPID – Extract MetaData from Survey Docx Files

<b>Python Lib</b>	<b>Django, Flask, Skit-learn, Pandas, Matplotlib</b>
<b>Technical Footprint</b>	1) Parse Survey Questionnaire in docx format 2) Reverse Engineering on XML file of Conformat Tool for training Data 3) Create Endpoints to Train/predict Machine Learning Algorithm
<b>Team Size</b>	1
<b>Url</b>	<a href="https://rnatech.datamatics.com">https://rnatech.datamatics.com</a>
<b>Database used</b>	MYSQL

#### APRIL – ATHENA Prime Record Integration Layer

<b>Python Lib</b>	<b>Pyscopg2, Django</b>
<b>Technical Footprint</b>	user defined report, scheduling of reports
<b>Team Size</b>	1
<b>Database used</b>	Postgresql

#### MT940 Banking App

<b>Python Lib</b>	<b>Google-cloud-bigquery, django, Pandas</b>
<b>Technical Footprint</b>	Generating training data by extracting tags from MT940 message like currency, bill reference number, exporter_name, account number, exporter name, etc. and storing in BigQuery. Provide admin interface for training data
<b>Team Size</b>	1
<b>Database used</b>	BigQuery, Postgresql

#### **Network18 Customer Segregation:(MoneyControl, News18, Firstpost, Incom)**

<b>Python Lib</b>	<b>google-cloud-bigquery, google-cloud-bigtable, google-cloud-happybase, google-cloud-pubsub ,Pandas, NLTK, pymongo,Django, sklearn</b>
<b>Technical Footprint</b>	Segregate customers into different buckets like entertainment , income middle class etc from across different properties like news18, firstpost, moneycontrol to target corresponding ads via custom ad server. Handle file upload to google ad manager via dashboard
<b>Team Size</b>	2
<b>Database used</b>	Bigquery, Bigtable, Redis,Mongo, CloudSQL
<b>Link</b>	-
<b>Role</b>	Development, Backend
<b>OS</b>	<b>Centos 6.9</b>

#### **BijouCommerce Backend:**

<b>Python Lib Used</b>	<b>Flask Framework</b>
<b>Technical Footprint</b>	Developed Rest APIs for the platform which was consumed by iOS and Android Apps, Sync data from magento, demandware, ijento, twotap.
<b>Database Used:</b>	Postgresql
<b>Team Size</b>	3
<b>Display</b>	-
<b>Link</b>	<a href="https://www.bijoucommerce.com/">https://www.bijoucommerce.com/</a>
<b>Role</b>	Development
<b>OS</b>	<b>Ubuntu 12.0(Linux)</b>

#### **BijouSandBox: (Simulate APIs)**

<b>Python Lib Used</b>	<b>Django Framework</b>
<b>Technical Footprint</b>	<b>Develop Platform to simulated API Request, Reponse</b>
<b>Languages Used:</b>	<b>Python,bootstrap,js, Postgresql</b>
<b>Team Size</b>	1
<b>Display</b>	-
<b>Link</b>	<a href="http://bijousandbox.bijoucommerce.com/">http://bijousandbox.bijoucommerce.com/</a>
<b>Role</b>	Development
<b>OS</b>	<b>Ubuntu 12.0(Linux)</b>

**Reliance Call Center:**

<b>Python Lib Used</b>	<b>Django Framework</b>
<b>Technical Footprint</b>	<b>Patching of calls from Freeswitch to IP address, Agent call reports, Reliance Petrol IVR</b>
<b>Languages Used:</b>	<b>Python,bootstrap,js,ajax, Node.js, MongoDB</b>
<b>Team Size</b>	2
<b>Display</b>	-
<b>Link</b>	<b><a href="http://reliance.voice360.in/">http://reliance.voice360.in/</a></b>
<b>Role</b>	Development
<b>OS</b>	<b>Ubuntu 12.0(Linux)</b>

**Aawaz Platform:**

<b>Python Lib Used</b>	<b>Django Framework</b>
<b>Technical Footprint</b>	<b>Management of PRI via platforms. Misscall and BULK OBD Campaing. User Report Generation</b>
<b>Languages Used:</b>	<b>Python, Node.js, MongoDB, Msql</b>
<b>Team Size</b>	5
<b>Display</b>	-
<b>Link</b>	<b><a href="http://aawaz.vivaconnect.in/">http://aawaz.vivaconnect.in/</a></b>
<b>Role</b>	Development
<b>OS</b>	<b>Ubuntu 12.0(Linux)</b>

**KinderJoy Call Center:**

<b>Python Lib Used</b>	<b>Django Framework</b>
<b>Technical Footprint</b>	<b>Brand Interaction, Hourly Graph , report Generation. Real time Misscall , Answered , Circle wise bifurcation of calls. CDR fetching.</b>
<b>Languages Used:</b>	<b>Python, bootstrap,js,ajax, Node.js, MongoDB</b>
<b>Team Size</b>	4
<b>Display</b>	-
<b>Link</b>	<b><a href="http://kinderjoy.voice360.in/login">http://kinderjoy.voice360.in/login</a></b>
<b>Role</b>	Development
<b>OS</b>	<b>Ubuntu 12.0(Linux)</b>

**Commтел User Guide Installer( Desktop Application):**

<b>Python Lib Used</b>	<b>PySide, os, gfx, shutil, subprocess, pexpect, sqlite3</b>
<b>Technical Footprint</b>	<b>This is a standalone Application Providing creation of package for linux machine to set setup Commтел E-reader which has followinf feature:Setup LAMP on linux,Convert pdf to swf.Creation of databse</b>

	structure from folder tree path.Setup E-reader as starting browser page and auto start this application on pc startup via autostart file in Linux.
<b>Languages Used:</b>	Python,PHP,Mysql Lite
<b>Team Size</b>	2
<b>Display</b>	Pyside
<b>Link</b>	-
<b>Role</b>	Analysis, Design, Development and Testing
<b>OS</b>	Ubuntu 12.0(Linux)

### Perl Projects:

#### Doctor Integration Platform:

<b>CPAN Module Used</b>	HTML::Parser ; String::Util ; HTML::TokeParser; Switch ; LWP::Simple ; CGI ;
<b>Technical Footprint</b>	This is a Web Application Providing Webcrawling of doctor info related websites. Purpose: Provides a Data Extraction and Display of searched paramedical by city , speciality and locality from 5 top websites.
<b>Languages Used:</b>	Perl , CGI , PHP , Ajax , javascript ,CSS,HTML
<b>Team Size</b>	2
<b>Server</b>	LAMPP
<b>Link</b>	<a href="http://www.docodoc.in">http://www.docodoc.in</a>
<b>Role</b>	Analysis, Design, Development and Testing
<b>OS</b>	Linux

### PHP Projects

#### Orochem Medicine CMS:

<b>Environment</b>	PHP, MySQL , CSS , HTML,jquery,AJAX
<b>Team Size</b>	3
<b>Server</b>	XAMPP
<b>Link</b>	<a href="http://www.orochem.com/">http://www.orochem.com/</a>
<b>CMS</b>	Open Cart
<b>Role</b>	Analysis, Design, Development and Testing

### EDUCATIONAL QUALIFICATION

Exams	Board	Year	Percentage
B.E Computer	Mumbai University	Dec 2011	57.00%
H.S.C.	Maharashtra State Board	Feb 2006	70.33%
S.S.C.	Maharashtra State Board	Mar	75.46%

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## **PERSONAL DETAILS**

Languages Known : English, Hindi , Marathi , Gujarati.

Interest : Watching documentaries, Swimming.

Date:- 08/09/2025

Place:-THANE